

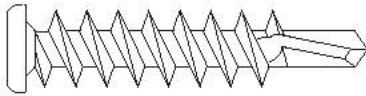
Product Specification Sheet

GRABBER®

4.8mm -5.5mm Flat Pan Drivall® Self Drill #3

PART # FP101875LYZ – FP1218125JBWZ

Self-drilling screws used to attach steel to heavy gauge steel 0.9- 3.5 mm
Finish - Black/Gray Phosphate, Clear Zinc and GRABBERGARD



Flat
Head



Drill Point



#2 Phillips
Drive

APPLICATION:

Grabber FLAT PAN Head Drivall® Self-drilling fasteners for attaching 0.9 – 3.5 mm gauge steel

DRILLING CAPACITY:

<4.4 mm G550 (80 ksi)

FEATURE BENEFITS:

FLAT PAN Head creates a smooth bearing surface

A CSD screw for general interior applications

Ideal for use with 0.9 – 3.5 mm steel 13 – 18 threads per inch

Super sharp, #3 Drivall® drill Point, designed to penetrate steel quickly and easily

#2 LOX recess drive

The FLAT PAN Head is designed to seat fast and easily and meet with a flush finish surface.

INSTALLATION INSTRUCTIONS:

Use a standard screwgun with a depth-sensitive nose piece.

Suggested screwgun specifications for optimal performance: – 4 amps minimum, and RPM range of 1800 – 2500.

The FLAT PAN Head is fully seated when the head is flush with the work surface.

Overdriving may result in failure of the DRIVALL® or strip out of the work surface.

The #3 point must penetrate beyond the metal a minimum of three thread pitches.

MATERIAL:

Carbon steel SAE 1022 | Heat Treat SAE J78 |

SPECIFICATIONS:

Standards	EN 14566:2009-10
Nominal Diameter (mm)	4.8 mm
Head Diameter	>9.0 mm
Screw lengths (mm)	16-41 mm
Type of thread	BSD
Recess Type	(ISO 4757) Cross recess #2 (Proprietary) LOX2, LOX3

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MECHANICAL PROPERTIES

SCREW VALUES Fastener Strength (Pss)			Fastener Strength (Pss) NOMINAL (tested)		
Designation	Nominal Diameter	Head Diameter	TPI	Tension, (P) kN	Shear (Pss) kN
FP SERIES	4.8	8	16/18/22	10.9	8.5
FP SERIES	5.2	8	18	11.1	10.5
FP SERIES	5.5	8	18	11.3	12.5
SIZE		4.8	5.2	5.5	
Minimum Torsional torque \geq (Nm)		6.32	8.13	9.94	
Fire behavior (EN13501-1:2007)		A1			
Surface hardness		>55 HRC			
Pull-out MIN. 0.6 metal		> 450 N			

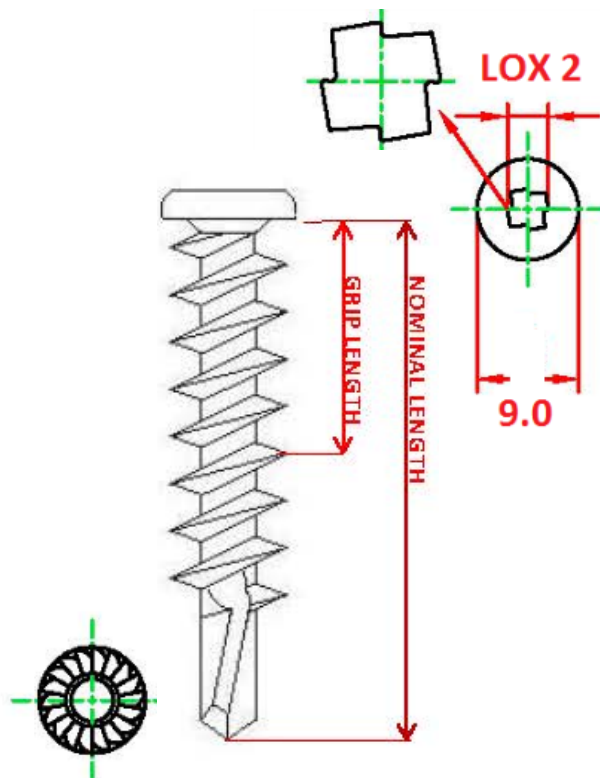
CORROSION PERFORMANCE:

STANDARD CORROSION TEST RESULTS

Surface protection:

"Phosphate"	"Zinc"	"Yellow Zinc"	"Grabbergard"
(ISO 4042)	(ISO 4042)	(ISO 4042)	(ISO 4042)
>11 g/m ²	$\geq 5 \mu\text{m A} \dots \text{E}$	$\geq 5 \mu\text{m A} \dots \text{G}$	$\geq 20 \mu\text{m}$
(ISO9227)	(ISO9227)	(ISO9227)	(ISO9227)
≥ 24 hours	≥ 48 hours	≥ 48 hours	≥ 1000 hours

ITEM	GAUGE LENGTH	QTY.	lbs.	LENGTH METRIC	Kg.
FP101875JBWZ	#10x3/4"	8 M	33	19 mm	20
FP101875L2N	#10x3/4"	8 M	32	19 mm	20
FP101875LYZ	#10x3/4"	8 M	33	19 mm	20
FP102275LYZ	#10x3/4"	8 M	27	19 mm	20
FP101858JBWZ	#10x5/8"	10 M	22	16 mm	20
FP11118L2YZ	#11x1-1/8"	5 M	27	28 mm	20
FP121878JBWZ	#12x7/8"	6 M	27	22 mm	20
FP121878LYZ	#12x7/8"	6 M	27	22 mm	20
SP12125JBWZ	#12x1-1/4"	3.5 M	26	32 mm	20



18 serrations

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FP101875JBWZ	#10x3/4"	8 M	33	19 mm	20
FP101875L2N	#10x3/4"	8 M	32	19 mm	20
FP101875LYZ	#10x3/4"	8 M	33	19 mm	20
FP102275LYZ	#10x3/4"	8 M	27	19 mm	20
FP101858JBWZ	#10x5/8"	10 M	22	16 mm	20
FP11118L2YZ	#11x1-1/8"	5 M	27	28 mm	20
FP121878JBWZ	#12x7/8"	6 M	27	22 mm	20
FP121878LYZ	#12x7/8"	6 M	27	22 mm	20
SP12125JBWZ	#12x1-1/4"	3.5 M	26	32 mm	20

All values nominal unless otherwise stated. Normal manufacturing tolerances apply.